

16 OCT 1979

MEMORANDUM FOR: Chief, Logistics Services Division, OL

STATINTL FROM: [REDACTED]
Project Engineer, Field Engineering Branch, OL
SUBJECT: Weight Load Analysis Medical Service Area
Headquarters

1. Per request, the enclosed analyses are based on floor design load of 100 pounds per square feet (PSF) which resulted in a space layout allowable load of two and one half times the design load which is equal to 250 PSF. The analyses are as follows:

$$PSF = \frac{\text{Unit weight}}{\text{Unit area}}^2$$

A. REMCO $\frac{6864 \text{ lbs.}}{34 \text{ ft.}^2} = 202 \text{ PSF}$ OK

B. ACME $\frac{6906 \text{ lbs.}}{29 \text{ ft.}^2} = 238 \text{ PSF}$ OK

C. WHITE NATIONAL $\frac{7470 \text{ lbs.}}{27 \text{ ft.}^2} = 277 \text{ PSF}$ Not OK

2. The analyses show that A and B file units are satisfactory but C is not. Therefore, the recommendations are files from Remco or Acme Company are satisfactory.

[REDACTED]

STATINTL